

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	169	"4743815"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 18:13
L2	1663	(318/439).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 18:13
L3	5162	(318/254).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 18:13
L4	79	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 18:13
L5	123	1 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 18:13
S1	12	((("6825625") or ("6496340") or ("6970093") or ("6876165") or ("6810292") or ("6819069") or ("7038412"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 12:50
S2	2	("4743815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 12:36
S3	2	("4743815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 12:36

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S4	2	S3 and (speed\$5 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 12:36
S5	1827	(ignition\$3 adj advance\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 13:51
S6	747	(ignition\$3 adj advance\$3) and motor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 14:53
S7	448	S6 and (speed\$5 and position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 13:48
S8	302	S7 and @ad<"19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 14:53
S9	104675	("318").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 13:50
S10	45029	("700").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 13:50
S11	3	S8 and (S9 S10)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 13:50

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S12	1	(ignition\$3 adj advance\$3).clm. and (S9 S10)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 13:51
S16	17616	(rotor\$5 near9 position\$3 ) and (rotor\$3 near9 speed\$3) and motor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 14:53
S17	13	(ignition\$3 adj advance\$3) and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 14:53
S18	11	S17 and @ad<"19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:04
S19	2	(motor\$5 with (ignit\$5 adj2 advance\$3)) same (speed\$5 and position\$3) same interrupt\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:05
S20	23	(motor\$5 with (ignit\$5 adj2 advance\$3)) same (speed\$5 and position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:06
S21	2	("6766787").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:09
S22	1	"19700479"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:14

## EAST Search History

S23	11	(interrupt\$5 adj5 (program\$5 routin\$3)) with (rotat\$3 adj3 speed\$5) with motor\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:47
S24	0	(ascertain\$5 adj3 (timer\$3 time\$3 interval\$3)) near9 (rotat\$4 adj3 speed\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:48
S25	0	(ascertain\$5 adj3 (timer\$3 time\$3 interval\$3)) near9 (rotat\$4 adj3 speed\$5) with motor\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:49
S26	129	((ascertain\$5 calculat\$5 determin\$5 ) adj3 (timer\$3 time\$3 interval\$3)) near9 (rotat\$4 adj3 speed\$5) with motor\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 15:50



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Triple-C **Motor** Accessories - Full line of accessories, ... For: British Leyland - MG, Land Rover, Triumph, All Mini doors and **early ignition** and many more. ...  
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### [Octane rating - Wikipedia, the free encyclopedia](#)

... does not need **early ignition** timing will most often have high practical ... There is another type of octane rating, called **Motor** Octane Number (MON) or ...  
[en.wikipedia.org/wiki/Octane\\_rating](http://en.wikipedia.org/wiki/Octane_rating) - 34k - [Cached](#) - [Similar pages](#)

### [\[PDF\] The Ignition Interlock System:](#)

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role in far too many **motor** vehicle crashes. The National ... the **early ignition** interlock devices was the use of stored breath. samples by drivers. ...  
[www.smartstartinc.com/Research/CR39-4Fulkerson.pdf](http://www.smartstartinc.com/Research/CR39-4Fulkerson.pdf) - [Similar pages](#)

### [EARLY IGNITION TUNE UP KIT \(SIDE ENTRY DIST CAP\)](#)

**EARLY IGNITION TUNE UP KIT ( SIDE ENTRY DIST CAP )** ... Truck freight items may be shipped using our choice of a variety of **motor** freight carriers . ...  
[www.minimania.com/web/Item/MMKT0704/AddedFrom/CatBrowse-%20ELECTRICAL/InvDetail.cfm](http://www.minimania.com/web/Item/MMKT0704/AddedFrom/CatBrowse-%20ELECTRICAL/InvDetail.cfm) - 99k - Supplemental Result - [Cached](#) - [Similar pages](#)

### [Electronically commutated \*\*motor\*\* with external rotor - Patent 5831359](#)

An electronically commutated **motor** (10) has a permanent-magnet external rotor (58) and ... which is referred to in the jargon of the art as "**early ignition**" ...  
[www.freepatentsonline.com/5831359.html](http://www.freepatentsonline.com/5831359.html) - 36k - [Cached](#) - [Similar pages](#)

### [Motor vehicle propulsion control when accelerating from a ...](#)

In a system for controlling the propulsion on **motor** vehicles, ... Values above the time axis represent **early ignition** before the top dead center of the ...  
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### [Steve's Turbine Powered Airboat Project](#)

To get the 24 to 28 volts DC required by the starter **motor**, ... It is much like the **early ignition** circuits used by Nicola Tesla and Henry Ford 100 years ...  
[www.validate.net/turbine/](http://www.validate.net/turbine/) - 26k - [Cached](#) - [Similar pages](#)

### [Sunroof Operation, Troubleshooting, and Repair](#)

The cam assembly rotates as the drive **motor** moves the drive cable and as the cam ... whereas the **early ignition** switch is a two-position switch (OFF-ON). ...  
[www.clarks-garage.com/shop-manual/body-03.htm](http://www.clarks-garage.com/shop-manual/body-03.htm) - 25k - [Cached](#) - [Similar pages](#)

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and simple enough in design to only require one **motor** to attain an altitude ... **Early ignition** has been attributed to launch control failure to detach all ...  
[www.plantationhigh.org/sli/Plantation%20CDR.pdf](http://www.plantationhigh.org/sli/Plantation%20CDR.pdf) - [Similar pages](#)

### [Infinite Networks CET Technology is Now Proven Business Wire ...](#)

... they were not practical due to **early ignition**, compression and other problems. ... "Since the **motor** is getting colder as you run it faster, ...  
[www.findarticles.com/p/articles/mi\\_m0EIN/is\\_2006\\_August\\_6/ai\\_n16609646](http://www.findarticles.com/p/articles/mi_m0EIN/is_2006_August_6/ai_n16609646) - 30k - [Cached](#) - [Similar pages](#)

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**[PDF] Toyota Motor Sales, USA, Inc**

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initial ignition timing angle and to the basic **ignition advance** angle ... The Corrective

**Ignition Advance** Control makes the final adjustment to the actual ...

[www.autoshop101.com/forms/h40.pdf](http://www.autoshop101.com/forms/h40.pdf) - [Similar pages](#)

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Though the Diagnostic Tester shows the computed **ignition, advance, ...** It consists of the

initial ignition timing, plus a fixed **ignition advance ...**

[www.autoshop101.com/forms/h41.pdf](http://www.autoshop101.com/forms/h41.pdf) - [Similar pages](#)

**SPRINTPARTS | Dolomite Tech Tips - How to Correct Poor Ignition Timing**

The total **ignition advance** varies from engine to engine. You can identify what your **motor** is currently running at, by adding the static timing figure to the ...

[www.sprintparts.triumphowners.com/techtips.cgi?sectionID=480006&articleID=480120](http://www.sprintparts.triumphowners.com/techtips.cgi?sectionID=480006&articleID=480120) -

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**IMFsoft, Ltd. - Universal Ignition system**

Depending on actual turns of a **motor** the individual time delays are chosen ... First it is necessary to know what maximal pre-**ignition advance** each engine ...

[www.imfsoft.com/hardware/produkty/universal-ignition.asp](http://www.imfsoft.com/hardware/produkty/universal-ignition.asp) - 21k - [Cached](#) - [Similar pages](#)

**IMFsoft, Ltd. - Direct Ignition**

Depending on actual turns of a **motor** the individual time delays are ... It enables easy **ignition advance** curve switch-over whenever the engine is running. ...

[www.imfsoft.com/hardware/produkty/direct-ignition.asp](http://www.imfsoft.com/hardware/produkty/direct-ignition.asp) - 26k - [Cached](#) - [Similar pages](#)

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**Finkbuilt » Blog Archive » ECU and Distributorless Ignition**

... it passes on to the Megasquirt, where the **ignition advance** table is stored. ... The **motor** runs so smoothly throughout the RPM range, it just climbs and ...

[www.finkbuilt.com/blog/crank-position-sensor/](http://www.finkbuilt.com/blog/crank-position-sensor/) - 28k - Oct 10, 2006 - [Cached](#) - [Similar pages](#)

**/2 BMW motorcycle ignition timing advance curve, measure, graph**

1969 BMW Magneto **Ignition Advance** Unit Analysis ... The whole thing was then mounted to an old electric sewing machine **motor** that I had attached to a simple ...

[www.w6rec.com/duane/bmw/timing/curve.htm](http://www.w6rec.com/duane/bmw/timing/curve.htm) - 65k - [Cached](#) - [Similar pages](#)

**Blower Drive Service: We Deliver Horse Power! - Blower Drive ...**

Over heating of a blown **motor** may be cause by too high compression ratio, too high blower ... Blowers love **ignition advance**. Especially initial advanced. ...

[www.blowerdriveservice.com/faq.php](http://www.blowerdriveservice.com/faq.php) - 23k - [Cached](#) - [Similar pages](#)

**Driveability corner Motor - Find Articles**

'Driveability corner' from **Motor** in Automotive provided free by LookSmart ... from the PCM to the ignition module and seems to control the **ignition advance**. ...

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**VACUUM IGNITION ADVANCE / AJ6 Engineering**

VACUUM IGNITION ADVANCE. Based on Articles by Roger Bywater for the XJ-S ... trying to interest the **motor** industry in a new combustion chamber design which ...

<http://www.google.com/search?hl=en&lr=&q=%22ignition+advance%22+%22motor%22> 10/11/06

[www.jagweb.com/aj6eng/vacuum.html](http://www.jagweb.com/aj6eng/vacuum.html) - 24k - [Cached](#) - [Similar pages](#)

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# 1 [Modeling methodology a: Optimization and response surfaces: on the response surface methodology and designed experiments for computationally intensive distributed aerospace simulations](#)

Paul Stewart, Peter J. Fleming, Sheena A. MacKenzie

 December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**
**Publisher:** Winter Simulation Conference

 Full text available: [pdf\(840.91 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Distributed real-time simulation is the focus of intense development, with complex systems being represented by individual component simulations interacting as a coherent model. The real-time architecture may be composed of physically separated simulation centres. Commercial off-the-shelf (COTS) and Freeware Real-time software exists to provide data communication channels between the components, subject to adequate system bandwidth. However if the individual models are too computationally int ...

# 2 [Methods and Tools for the Design of Electrostatic Micromotors](#)

Tb. Johansson, K. Hameyer, R. Belmans

 March 1996 **Proceedings of the 1996 European conference on Design and Test**
**Publisher:** IEEE Computer Society

 Full text available: [pdf\(103.06 KB\)](#)

 Additional Information: [full citation](#), [abstract](#)

[Publisher Site](#)

In this paper the methodology of the design of electrostatic micromotors is discussed. Field computation is performed by the finite element method (FEM). Automated modelling and evaluation of the quantities of the electrostatic field in combination with an equivalent circuit technique leads to an efficient design tool.

**Keywords:** Micromotor, Electrostatic, Variable Capacitance Motor, Motor Design, Optimisation, 3D meshgeneration

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- 1 [Real time application of artificial neural network for incipient fault detection of induction machines](#) 
-  Mo-yuen Chow, Sui Oi Yee  
June 1990 **Proceedings of the 3rd international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 2 IEA/AIE '90**


Publisher: ACM Press


Full text available:  pdf(751.83 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes several artificial neural network architectures for real time application in incipient fault detection of induction machines. The artificial neural networks perform the fault detection in real time, based on direct measurements from the motor, and no rigorous mathematical model of the motor is needed. Different approaches used to develop a reliable fault detector are presented and compared in this paper. The designed networks vary in complexity and accuracy. A high-order ...

- 2 [Adaptive control of Bolu highway tunnel ventilation system using fuzzy logic](#) 
-  Ercüment Karakas, Hasan Külünk  
February 1998 **Proceedings of the 1998 ACM symposium on Applied Computing**

Publisher: ACM Press

Full text available:  pdf(330.84 KB) Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** adaptive control, fuzzy logic, highway tunnel ventilation

- 3 [Mixed electrical-thermal and electrical-mechanical simulation of electromechatronic systems using PSpice](#) 

Konstantin O. Petrosjanc, Peter P. Maltcev

September 1994 **Proceedings of the conference on European design automation**

Publisher: IEEE Computer Society Press

Full text available:  pdf(440.15 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

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